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5/7/2004
Date

Rebecca A. Baumann
Signature: Rebecca A. Baumann



PATENT

Attorney Docket No. AMK-BK-00006

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application)	<u>PATENT APPLICATION</u>
)	
Inventor(s): Byong II Heo)	
)	Art Unit: 2818
Application No.: 10/759,990)	
)	Examiner: Mai-Huong C. Tran
Filed: 1/15/2004)	
)	
Title SEMICONDUCTOR PACKAGE WITH)	
SUBSTRATE COUPLED TO A PERIPHERAL)	
SIDE SURFACE OF A SEMICONDUCTOR)	
DIE)	
)	

INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. §1.97

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Listed below or on an attached Form PTO-1449 is information known to applicant(s). A copy of each listed publication and non-U.S. patent, is being submitted herewith.

Applicants respectfully request that the listed information be considered by the Examiner and be made of record in the above-identified application. If form PTO-1449 is enclosed, the Examiner is requested to initial and return it in accordance with MPEP § 609.

This statement is not intended to represent that a search has been made or that the information cited in the statement is, or is considered to be, material to patentability as defined in 37 C.F.R. § 1.56.

- ☒ This statement qualifies under 37 C.F.R. § 1.97, subsection (b) because (check all that apply):
- ☐ (1) It is being filed within 3 months of the application filing date and is other than a continued prosecution application under § 1.53(d)
-- OR --
 - ☐ (2) It is being filed within 3 months of entry of a national stage
-- OR --
 - ☒ (3) It is being filed before the mail date of the first Office Action on the merits.
-- OR --
 - ☐ (4) It is being filed before the mailing of a first Office Action after the filing of a request for continued examination under § 1.114
- ☐ 37 C.F.R. § 1.97(c). If this statement is being filed after the period specified in § 1.97(b), but before the mailing date of the earlier of a final office action under § 1.113, a notice of allowance under § 1.311, or an action that otherwise closes prosecution in the application, then:
- ☐ a certification as specified in § 1.97(e) is provided below; **or**
 - ☐ a fee of \$180.00 as set forth in § 1.17(p) is authorized below, enclosed, or included with the payment of other papers filed together with this statement.
- ☐ 37 C.F.R. § 1.97(d). If this statement is being filed after the period specified in § 1.97(c), but on or before payment of the issue fee, then:
- A. a certification as specified in § 1.97(e) is completed below; **and**
 - B. a fee of \$180.00 as set forth in § 1.17(p) is authorized below, enclosed, or included with the payment of other papers filed together with this statement.
- ☒ **Fee Authorization.** The Commissioner is hereby authorized to charge any additional fees or credit any overpayment associated with this communication to Deposit Account No. 50-0574 (Docket No. AMK-BK-00006)

Respectfully submitted,

BEVER, HOFFMAN & HARMS, LLP

Dated: 5/7/04

By: 

James E. Parsons, Reg. No. 34,691

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Customer No. 22888

Under the Paperwork Reduction Action of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>				Application Number		10/759,990	
				Filing Date		1/15/2004	
				First Named Inventor:		Byong II Heo	
				Examiner: Mai-Huong C. Tran		GROUP: 2818	
Sheet	1	of	4	Attorney Docket Number		AMK-BK-00006	
U.S. PATENT DOCUMENTS							
Examiner Initials*	Cited No. ¹	Document Number Number - Kind Code ^{2(f known)}		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document		Pages, Columns, Lines Where Relevant Passages or Figures Appear
	A01	US-4,530,152		07/1985	Roche et al.		
	A02	US-4,982,265		01/1991	Watanabe et al.		
	A03	US-4,996,587		02/1991	Hinrichsmeyer et al.		
	A04	US-5,138,438		08/1992	Masayuki et al.		
	A05	US-5,198,888		03/1993	Sugano et al.		
	A06	US-5,258,094		11/1993	Furui et al.		
	A07	US-5,266,834		11/1993	Nishi et al.		
	A08	US-5,394,010		02/1995	Tazawa et al.		
	A09	US-5,432,729		07/1995	Carson et al.		
	A10	US-5,514,907		05/1996	Moshayedi		
	A11	US-5,594,275		01/1997	Kwon et al.		
	A12	US-5,625,221		04/1997	Kim et al.		
	A13	US-5,637,912		06/1997	Cockerill et al.		
FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Cite No. ¹	Foreign Patent Document Cntry Code ³ Number ⁴ Kind Code ^{5 (f known)}		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document		Pages, Columns, Lines Where Relevant Passages or Figures Appear
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)							
EXAMINER SIGNATURE:					DATE CONSIDERED:		

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional). 2 See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450. If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2. *EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional). 2 See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached.

MAY 12 2004

PTO/SB/08A (08-03)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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Substitute for form 1449 INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>				Application Number		10/759,990		
				Filing Date		1/15/2004		
				First Named Inventor:		Byong II Heo		
				Examiner: Mai-Huong C. Tran		GROUP: 2818		
Sheet	2	of	4	Attorney Docket Number		AMK-BK-00006		
U.S. PATENT DOCUMENTS								
Examiner Initials*	Cited No. ¹	Document Number Number - Kind Code ^{2(f known)}		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines Where Relevant Passages or Figures Appear		
	A14	US-5,646,828		07/1997	Degani et al.			
	A15	US-5,668,405		09/1997	Yamashita			
	A16	US-5,677,569		10/1997	Choi et al.			
	A17	US-5,682,062		10/1997	Gaul			
	A18	US-5,723,900		03/1998	Kojima et al.			
	A19	US-5,744,827		04/1998	Jeong et al.			
	A20	US-5,760,471		06/1998	Fujisawa et al.			
	A21	US-5,763,939		06/1998	Yamashita			
	A22	US-5,783,870		07/1998	Mostafazadeh et al.			
	A23	US-5,801,439		09/1998	Fujisawa et al.			
	A24	US-5,883,426		03/1999	Tokuno et al.			
	A25	US-5,977,640		11/1999	Bertin et al.			
	A26	US-5,986,209		11/1999	Tandy			
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	A27	US-6,013,948		01/2000	Akram et al.			
	A28	US-6,057,598		05/2000	Payne et al.			
	A29	US-6,060,778		05/2000	Jeong et al.			
	A30	US-6,072,233		06/2000	Corisis et al.			
	A31	US-6,160,705		12/2000	Stearns et al.			
	A32	US-6,172,419	B1	01/2001	Kinsman			
	A33	US-6,180,881	B1	01/2001	Isaak			
	A34	US-6,235,554	B1	05/2001	Akram et al.			
	A35	US-6,258,632	B1	07/2001	Takebe			
	A36	US-6,313,522	B1	11/2001	Akram et al.			
	A37	US-6,329,709	B1	12/2001	Moden et al.			
	A38	US-6,369,454	B1	04/2002	Chung			
	A39	US-6,395,578	B1	05/2002	Shin et al.			
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	A40	US-6,404,046	B1	06/2002	Glenn et al.			
	A41	US-6,448,506	B1	09/2002	Glenn et al.			
	A42	US-6,459,148	B1	10/2002	Chun-Jen et al.			
	A43	US-6,486,537	B1	11/2002	Liebhards			
	A44	US-6,501,184	B1	12/2002	Shin et al.			
	A45	US-6,515,356	B1	02/2003	Shin et al.			
	A46	US-6,518,659	B1	02/2003	Glenn			
	A47	US-6,577,013	B1	06/2003	Glenn et al.			
FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No. ¹	Foreign Patent Document Cntry Code ³ Number ⁴ Kind Code ⁵ (if known)			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines Where Relevant Passages or Figures Appear	T ⁶
	A48	JP	2-239651	A	09/1990			
	A49	EP	0 682 365	A1	11/1995			
	A50	KR	1999-0065599		08/1999			
	A51	EP	0 948 048	A1	10/1999			
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